

(FILE 'HOME' ENTERED AT 16:38:51 ON 29 JUL 2004)

FILE 'REGISTRY' ENTERED AT 16:39:03 ON 29 JUL 2004

L1 1 S BAICALIN/CN  
L2 1 S SCUTELLARIN/CN  
L3 1 S DIHYDROBAICALIN/CN  
L4 1 S IKONNIKOSIDE I/CN  
L5 1 S LATERIFLORIN/CN  
L6 1 S BAICALEIN/CN  
L7 1 S LATERIFLOREIN/CN  
L8 1 S WOGONIN/CN

FILE 'BIOSIS, MEDLINE, CAPLUS, CAOLD, LIFESCI, SCISEARCH, JICST-EPLUS, IFIPAT' ENTERED AT 16:43:31 ON 29 JUL 2004

FILE 'REGISTRY' ENTERED AT 16:43:56 ON 29 JUL 2004

SET SMARTSELECT ON  
L9 SEL L1 1- CHEM : 7 TERMS  
SET SMARTSELECT OFF

FILE 'BIOSIS, MEDLINE, CAPLUS, CAOLD, LIFESCI, SCISEARCH, JICST-EPLUS, IFIPAT' ENTERED AT 16:43:56 ON 29 JUL 2004

L10 1519 S L9

FILE 'REGISTRY' ENTERED AT 16:44:21 ON 29 JUL 2004

SET SMARTSELECT ON  
L11 SEL L2 1- CHEM : 9 TERMS  
SET SMARTSELECT OFF

FILE 'BIOSIS, MEDLINE, CAPLUS, CAOLD, LIFESCI, SCISEARCH, JICST-EPLUS, IFIPAT' ENTERED AT 16:44:21 ON 29 JUL 2004

L12 231 S L11

FILE 'REGISTRY' ENTERED AT 16:45:11 ON 29 JUL 2004

SET SMARTSELECT ON  
L13 SEL L3 1- CHEM : 3 TERMS  
SET SMARTSELECT OFF

FILE 'BIOSIS, MEDLINE, CAPLUS, CAOLD, LIFESCI, SCISEARCH, JICST-EPLUS, IFIPAT' ENTERED AT 16:45:11 ON 29 JUL 2004

L14 19 S L13

FILE 'REGISTRY' ENTERED AT 16:45:22 ON 29 JUL 2004

SET SMARTSELECT ON  
L15 SEL L4 1- CHEM : 2 TERMS  
SET SMARTSELECT OFF

FILE 'BIOSIS, MEDLINE, CAPLUS, CAOLD, LIFESCI, SCISEARCH, JICST-EPLUS, IFIPAT' ENTERED AT 16:45:23 ON 29 JUL 2004

L16 14 S L15

FILE 'REGISTRY' ENTERED AT 16:45:31 ON 29 JUL 2004

SET SMARTSELECT ON  
L17 SEL L5 1- CHEM : 2 TERMS  
SET SMARTSELECT OFF

FILE 'BIOSIS, MEDLINE, CAPLUS, CAOLD, LIFESCI, SCISEARCH, JICST-EPLUS, IFIPAT' ENTERED AT 16:45:32 ON 29 JUL 2004

L18 9 S L17

FILE 'REGISTRY' ENTERED AT 16:45:41 ON 29 JUL 2004

SET SMARTSELECT ON  
L19 SEL L6 1- CHEM : 5 TERMS

SET SMARTSELECT OFF

FILE 'BIOSIS, MEDLINE, CAPLUS, CAOLD, LIFESCI, SCISEARCH, JICST-EPLUS, IFIPAT' ENTERED AT 16:45:41 ON 29 JUL 2004

L20 2277 S L19

FILE 'REGISTRY' ENTERED AT 16:45:54 ON 29 JUL 2004

SET SMARTSELECT ON

L21 SEL L8 1- CHEM : 3 TERMS

SET SMARTSELECT OFF

FILE 'BIOSIS, MEDLINE, CAPLUS, CAOLD, LIFESCI, SCISEARCH, JICST-EPLUS, IFIPAT' ENTERED AT 16:45:55 ON 29 JUL 2004

L22 892 S L21

FILE 'REGISTRY' ENTERED AT 16:46:24 ON 29 JUL 2004

SET SMARTSELECT ON

L23 SEL L7 1- CHEM : 2 TERMS

SET SMARTSELECT OFF

FILE 'BIOSIS, MEDLINE, CAPLUS, CAOLD, LIFESCI, SCISEARCH, JICST-EPLUS, IFIPAT' ENTERED AT 16:46:24 ON 29 JUL 2004

L24 4 S L23

L25 4 S (L10 AND L12 AND L14 AND L16 AND L18 AND L20 AND L24 AND L22)

L26 3 DUP REM L25 (1 DUPLICATE REMOVED)

L27 3 S L26 AND (SCUTELLARIA? OR SKULLCAP OR SKULL CAP OR SCULL CAP O

L28 3 DUP REM L27 (0 DUPLICATES REMOVED)

L29 1155 S (L10 OR L12 OR L14 OR L16 OR L18 OR L20 OR L22 OR L24) AND (S

L30 879 S (L10 OR L12 OR L14 OR L16 OR L18 OR L20 OR L22 OR L24) (S) (SC

L31 486 DUP REM L30 (393 DUPLICATES REMOVED)

L32 363 S L31 AND PD<20020906

L33 50 S L32 AND (BOIL? OR HIGH TEMP? OR ALCOHOL? OR HOT WATER? OR HO

L34 36 S (L10 OR L12 OR L14 OR L16 OR L18 OR L20 OR L22 OR L24) (S) (VI

L35 86 S (L10 OR L12 OR L14 OR L16 OR L18 OR L20 OR L22 OR L24) AND (V

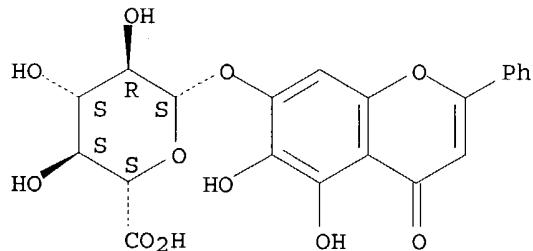
L36 50 DUP REM L35 (36 DUPLICATES REMOVED)

L37 25 S L36 AND PD<20020906

=>

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 21967-41-9 REGISTRY  
 CN  $\beta$ -D-Glucopyranosiduronic acid, 5,6-dihydroxy-4-oxo-2-phenyl-4H-1-benzopyran-7-yl (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Baicalin (6CI, 7CI, 8CI)  
 OTHER NAMES:  
 CN Baicalein 7-glucuronide  
 CN Baicalein 7-O- $\beta$ -D-glucuronide  
 FS STEREOSEARCH  
 DR 27462-75-5, 31564-28-0, 100647-26-5  
 MF C21 H18 O11  
 CI COM  
 LC STN Files: ADISINSIGHT, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CHEMCATS, CSCHEM, DDFU, DRUGU, EMBASE, IPA, MEDLINE, NAPRALERT, PROUSDDR, RTECS\*, TOXCENTER, USPAT2, USPATFULL  
     (\*File contains numerically searchable property data)  
 DT.CA CAplus document type: Conference; Journal; Patent  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)  
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)  
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

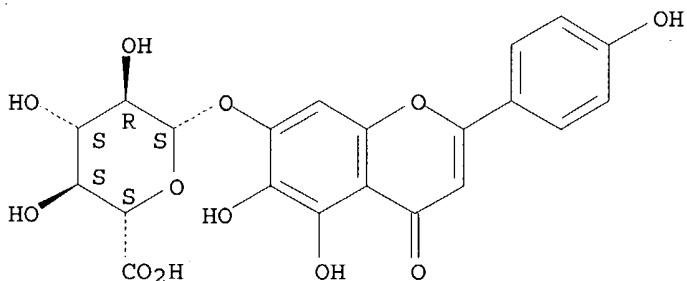
700 REFERENCES IN FILE CA (1907 TO DATE)  
 16 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 702 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=>

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 27740-01-8 REGISTRY  
 CN  $\beta$ -D-Glucopyranosiduronic acid, 5,6-dihydroxy-2-(4-hydroxyphenyl)-4-oxo-4H-1-benzopyran-7-yl (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Flavone, 4',5,6,7-tetrahydroxy-, 7- $\beta$ -D-glucopyranuronoside (8CI)  
 CN Glucopyranosiduronic acid, 5,6-dihydroxy-2-(p-hydroxyphenyl)-4-oxo-4H-1-benzopyran-7-yl,  $\beta$ -D- (8CI)  
 CN Scutellarin (6CI, 7CI)  
 OTHER NAMES:  
 CN Scutellarein 7- $\beta$ -D-glucuronide  
 CN Scutellarein 7- $\beta$ -D-glucuronoside  
 CN Scutellarein 7-glucuronide  
 CN Scutellarein-7-O- $\beta$ -D-glucuronide  
 FS STEREOSEARCH  
 DR 1329-06-2, 32647-60-2, 676536-34-8  
 MF C21 H18 O12  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA,  
     CAOLD, CAPLUS, CHEMCATS, CSCHEM, MEDLINE, NAPRALERT, TOXCENTER,  
     USPATFULL  
     (\*File contains numerically searchable property data)

DT.CA CAplus document type: Conference; Journal; Patent  
 RL.P Roles from patents: BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); USES (Uses); NORL (No role in record)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

121 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 121 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d 13

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 56226-98-3 REGISTRY  
 CN  $\beta$ -D-Glucopyranosiduronic acid, (2S)-3,4-dihydro-5,6-dihydroxy-4-oxo-2-phenyl-2H-1-benzopyran-7-yl (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN  $\beta$ -D-Glucopyranosiduronic acid, 3,4-dihydro-5,6-dihydroxy-4-oxo-2-

phenyl-2H-1-benzopyran-7-yl, (S)-  
OTHER NAMES:

CN Dihydrobaicalin

FS STEREOSEARCH

DR 86992-47-4

MF C21 H20 O11

LC STN Files: AGRICOLA, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CAPLUS,  
NAPRALERT, USPATFULL

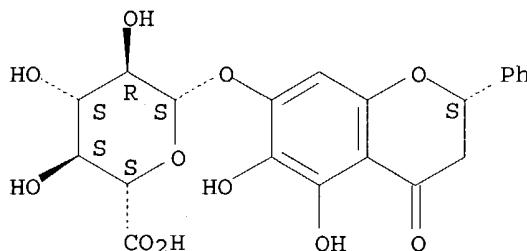
(\*File contains numerically searchable property data)

DT.CA Caplus document type: Journal; Patent

RL.P Roles from patents: PREP (Preparation)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
study); OCCU (Occurrence); PREP (Preparation); PRP (Properties)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

9 REFERENCES IN FILE CA (1907 TO DATE)

9 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 14

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN 119152-49-7 REGISTRY

CN  $\beta$ -D-Glucopyranosiduronic acid, 5,6-dihydroxy-2-(2-hydroxyphenyl)-4-  
oxo-4H-1-benzopyran-7-yl (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Ikonnikoside I

FS STEREOSEARCH

MF C21 H18 O12

SR CA

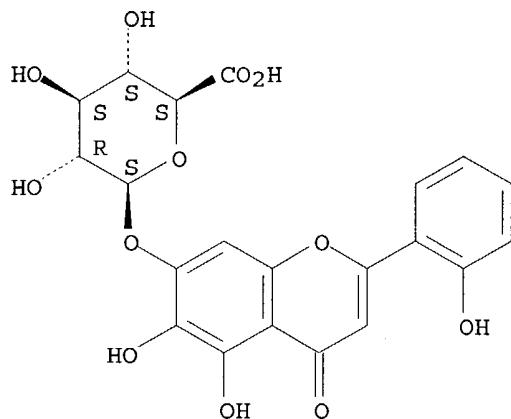
LC STN Files: BEILSTEIN\*, BIOBUSINESS, CA, CAPLUS, NAPRALERT, USPATFULL  
(\*File contains numerically searchable property data)

DT.CA Caplus document type: Journal; Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES  
(Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP  
(Preparation); PROC (Process); PRP (Properties)

Absolute stereochemistry.



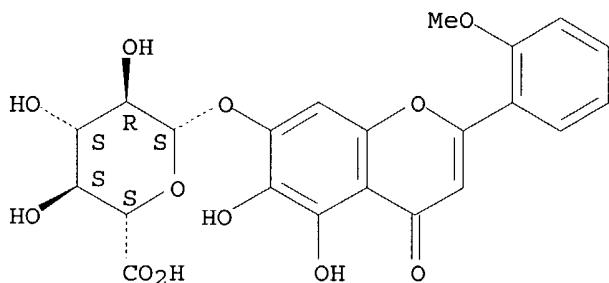
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

9 REFERENCES IN FILE CA (1907 TO DATE)  
 9 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 15

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 521066-22-8 REGISTRY  
 CN  $\beta$ -D-Glucopyranosiduronic acid, 5,6-dihydroxy-2-(2-methoxyphenyl)-4-oxo-4H-1-benzopyran-7-yl (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN **Lateriflorin**  
 FS STEREOSEARCH  
 MF C22 H20 O12  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL  
 DT.CA CAplus document type: Journal; Patent  
 RL.P Roles from patents: PREP (Preparation)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PRP (Properties)

Absolute stereochemistry.

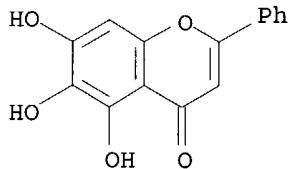


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1907 TO DATE)  
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 16

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 491-67-8 REGISTRY  
 CN 4H-1-Benzopyran-4-one, 5,6,7-trihydroxy-2-phenyl- (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN **Baicalein (6CI)**  
 CN Flavone, 5,6,7-trihydroxy- (7CI, 8CI)  
 OTHER NAMES:  
 CN 5,6,7-Trihydroxyflavone  
 CN Noroxylin  
 CN NSC 661431  
 FS 3D CONCORD  
 MF C15 H10 O5  
 CI COM  
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*,  
     BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT,  
     CHEMCATS, CSCHEM, DDFU, DRUGU, EMBASE, HODOC\*, IPA, MEDLINE, MRCK\*,  
     NAPRALERT, PHAR, PROUSDDR, RTECS\*, TOXCENTER, USPAT2, USPATFULL  
     (\*File contains numerically searchable property data)  
 DT.CA CAplus document type: Conference; Journal; Patent  
 RL.P Roles from patents: BIOL (Biological study); OCCU (Occurrence); PREP  
     (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
     reagent); USES (Uses)  
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological  
     study); PRP (Properties); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
     study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP  
     (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
     reagent); USES (Uses); NORL (No role in record)  
 RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological  
     study); PROC (Process)



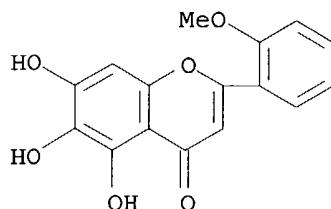
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

697 REFERENCES IN FILE CA (1907 TO DATE)  
 5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 699 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 12 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d 17

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 521066-18-2 REGISTRY  
 CN 4H-1-Benzopyran-4-one, 5,6,7-trihydroxy-2-(2-methoxyphenyl)- (9CI) (CA  
     INDEX NAME)  
 OTHER NAMES:  
 CN **Lateriflorein**  
 FS 3D CONCORD  
 MF C16 H12 O6  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL  
 DT.CA CAplus document type: Journal; Patent  
 RL.P Roles from patents: PREP (Preparation)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological

study); OCCU (Occurrence); PREP (Preparation); PRP (Properties)

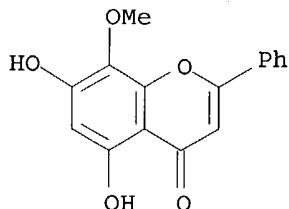


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1907 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 18

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 632-85-9 REGISTRY  
CN 4H-1-Benzopyran-4-one, 5,7-dihydroxy-8-methoxy-2-phenyl- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Flavone, 5,7-dihydroxy-8-methoxy- (7CI, 8CI)  
CN **Wogonin (6CI)**  
OTHER NAMES:  
CN 5,7-Dihydroxy-8-methoxyflavone  
FS 3D CONCORD  
MF C16 H12 O5  
CI COM  
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CSCHEM,  
DDFU, DRUGU, EMBASE, IPA, MEDLINE, NAPRALERT, NIOSHTIC, RTECS\*,  
SPECINFO, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
DT.CA CAplus document type: Journal; Patent  
RL.P Roles from patents: BIOL (Biological study); OCCU (Occurrence); PREP  
(Preparation); PRP (Properties); USES (Uses)  
RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP  
(Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
reagent); USES (Uses); NORL (No role in record)  
RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical  
study); BIOL (Biological study); OCCU (Occurrence); PROC (Process); USES  
(Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

375 REFERENCES IN FILE CA (1907 TO DATE)  
7 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
376 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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